

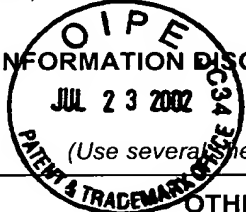
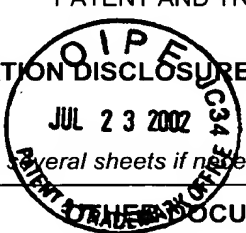


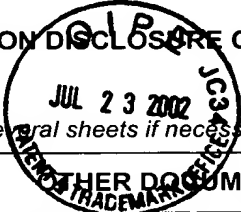



Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 038602-1259		SERIAL NO. 09/977,261		
<b>INFORMATION DISCLOSURE CITATION</b> 				APPLICANT Axel ULLRICH et al.				
				FILING DATE 10/16/2001		GROUP ART UNIT 1647		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
JS	A1	5,635,177	Jun 1997	BENNETT	424	143.1		
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
JS	A2	WO 93/15201	5 Aug 1993	WO				
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
JS	A3	AARONSON, November 22, 1991, "Growth Factors and Cancer," <i>Science</i> , 254:1146-1153						
	A4	ARPALA et al., March 11, 1994, "Defective T Cell Receptor Signaling and CD8 <sup>+</sup> Thymic Selection in Humans Lacking Zap-70 Kinase," <i>Cell</i> , 76:947-958						
	A5	BEARMAN et al., January, 1979, "Acute ("Malignant") Myelosclerosis," <i>Cancer</i> , 43(1):279-293						
	A6	BENNETT et al., January 14, 1994, "Identification and Characterization of a Novel Tyrosine Kinase from Megakaryocytes," <i>J. of Biol. Chem.</i> , 269(2):1068-1074						
U	A7	BOLEN, 1993, "Nonreceptor tyrosine protein kinases," <i>Oncogene</i> , 8:2025-2031						
EXAMINER 				DATE CONSIDERED 8/28/03				
* <b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.								

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 038602-1259	SERIAL NO. 09/977,261
				APPLICANT Axel ULLRICH et al.	
				FILING DATE 10/16/2001	GROUP ART UNIT 1647
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
SS	A8	BRAUNINGER et al., December 22, 1993, "Characterization of the human CSK locus," <i>Ontogene</i> , 8:1365-1369			
	A9	BRAUNINGER et al., 1992, "Isolation and characterization of a human gene that encodes a new subclass of protein tyrosine kinases," <i>Gene</i> , 110:205-211			
	A10	BUTLER et al., June 15, 1982, "Idiopathic Acquired Sideroblastic Anemia Terminating in Acute Myelosclerosis," <i>Cancer</i> , 49(12):2497-2499			
	A11	CANCE et al., 1994, <i>Cell Growth and Diff.</i> , 5:1347-1355			
	A12	CANCE et al, 1993, "Novel Protein Kinases Expressed in Human Breast Cancer," <i>International Journal of Cancer</i> , 54(4):571-577			
	A13	DEVEREUX et al., 1984, "A comprehensive set of sequence analysis programs for the VAX," <i>Nucleic Acids Research</i> , 12(1):387-395			
	A14	EISEMAN et al., October 1990, "src-Related Tyrosine Protein Kinases as Signaling Components in Hematopoietic Cells," <i>Cancer Cells</i> , 2(10):303-310			
	A15	FOHLMEISTER et al., 1986, "Acute Megakaryocytic Myelosis Preceded by Myelodysplasia. Report of a Case and Review of the Literature," <i>VNU Science Press, Utrecht Akademai Kiado</i> , 2:151-160			
	A16	HARDIE, 1990, "Roles of Protein Kinases and Phosphatases in Signal Transduction," <i>Society for Experimental Biology</i> , pp. 241-255			
	A17	HELDIN & WESTERMARK, July 1990, "Platelet-derived growth factor: mechanism of action and possible <i>in vivo</i> function," <i>Cell Regulation</i> , 1:555-566			
	A18	HEYECK et al., January 1993, "Development regulation of a murine T-cell-specific tyrosine kinase gene, <i>Tsk</i> ," <i>PNAS USA</i> , 90:669-673			
	A19	HAMAGUCHI et al., 1994, "Characterization of mouse non-receptor tyrosine kinase gene, <i>HYL</i> ," <i>Oncogene</i> , 9:3371-3374, Macmillan Press Ltd.			
	A20	HIRAJ et al., December 18, 1987, "A Novel Putative Tyrosine Kinase Receptor Encoded by the <i>eph</i> Gene," <i>Science</i> , 238:1717-1720			
	A21	HOFFMAN, September 1989, "Regulation of Megakaryocytopoiesis," <i>Blood</i> , 74(4):1196-1212			
2	A22	HUANG et al., October 5, 1990, "The Hematopoietic Growth Factor KL is Encoded by the <i>Sl</i> Locus and Is the Ligand of the <i>c-kit</i> Receptor, the Gene Product of the <i>W</i> Locus," <i>Cell</i> , 63:225-233			

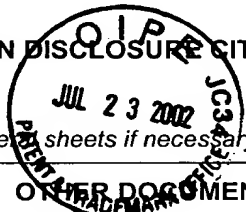
RECEIVED  
JUL 24 2002  
TECH CENTER 1600/2900

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 038602-1259		SERIAL NO. 09/977,261	
<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)				APPLICANT Axel ULLRICH et al.			
				FILING DATE 10/16/2001		GROUP ART UNIT 1647	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	A23	ISHIDA et al., 1993, "Biological and Biochemical Characteristics of Murine Megakaryoblastic Cell Line L8057," <i>Exp. Hematol.</i> , 21:289-298					
	A24	KAWAKAMI et al., December 1986, "Isolation and Oncogenic Potential of a Novel Human src-Like Gene," <i>Molecular and Cellular Biology</i> , 6(12):4195-4201					
	A25	KIPREOS et al., April 13, 1990, "Differential Phosphorylation of c-Abl in Cell Cycle Determined by cdc2 Kinase and Phosphatase Activity," <i>Science</i> 248:217-220					
	A26	KOCH et al., May 3, 1991, "SH2 and SH3 Domains: Elements That Control Interactions of Cytoplasmic Signaling Proteins," <i>Science</i> , 252:668-674					
	A27	LEE et al., 1994, "Cloning of FRK, a novel human intracellular SRC-like tyrosine kinase-encoding gene," <i>Gene</i> , 138:247-251					
	A28	LICHTER et al., 1988, "Delineation of individual human chromosomes in metaphase and interphase cells by <i>in situ</i> suppression by bridization using recombinant DNA libraries," <i>Hum. Genet.</i> , 80:224-234					
	A29	LONG, 1993, "Population Heterogeneity Among Cells of the Megakaryocyte Lineage," <i>Stem Cells</i> , 11:33-40					
	A30	LU et al., 1993, "Review of the Cytogenetic Changes in Acute Megakaryoblastic Leukemia: One Disease or Several?" <i>Cancer Genet. Cytogenet.</i> , 67:81-89					
	A31	MANESS, 1992, "Nonreceptor Protein Tyrosine Kinases Associated with Neuronal Development," <i>Dev. Neurosci.</i> , 14:257-270					
	A32	MANIATIS et al., 1982, <i>Molecular Cloning: A Laboratory Manual</i> , pp. 422-433, Cold Spring Harbor Laboratory Press, CSH					
	A33	MANO et al., 1993, "Expression of a novel form of Tec kinase in hematopoietic cells and mapping of the gene to chromosome 5 near Kit," <i>Oncogene</i> , 8:417-424					
	A34	MARINO, October 1989, "Acute myelofibrosis: Report of a case and review of current literature," <i>JAOA</i> , 89(10):1323-1329					
	A35	MAYER et al., March 1998, "A novel viral oncogene with structural similarity to phospholipase C," <i>Nature</i> , 332:272-275					
	A36	MOODY et al., 1989, "Florid radiological appearance of megakaryoblastic leukaemia - an aid to earlier diagnosis," <i>Pediatric Radiology</i> , 19:486-488					
	A37	MORGAN et al., June 2, 1989, "Mitosis-Specific Phosphorylation of p60 <sup>c-src</sup> by p34 <sup>cdc2</sup> -Associated Protein Kinase," <i>Cell</i> , 57:775-786					

RECEIVED  
JUL 24 2002  
TECH CENTER 1000/2000

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 038602-1259		SERIAL NO. 09/977,261	
<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)				APPLICANT Axel ULLRICH et al.			
				FILING DATE 10/16/2001		GROUP ART UNIT 1647	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
  	A38	MORGENSTERN & LAND, 1990, "Advanced mammalian gene transfer: high titre retroviral vectors with multiple drug selection markers and a complementary helper-free packaging cell line," <i>Nucl. Acids Res.</i> , 18(12):3587-3596					
	A39	MULLER et al., 1992, "BCR First Exon Sequences Specifically Activate the BCR/ABL Tyrosine Kinase Oncogene of Philadelphia Chromosome-Positive Human Leukemias," <i>Mol. Cell. Bio.</i> , 11:1785-1792					
	A40	MUSACCHIO et al., September 1993, "The PH domain: a common piece in the structural patchwork of signalling proteins," <i>TIBS</i> 18:343-348					
	A41	MUSTELIN & BURN, 1993, "Regulation of src family tyrosine kinases in lymphocytes," <i>TIBS</i> , 18:215-220					
	A42	PAWSON et al., October 30, 1992, "SH2 and SH3 Domains: From Structure to Function," <i>Cell</i> , 71:359-362					
	A43	PEAR et al., September 1993, "Production of high-titer helper-free retroviruses by transient transfection," <i>Proc. Natl. Acad. Sci. USA</i> , 90:8392-8396					
	A44	POSADA et al., June 1992, "Molecular Signal Integration, Interplay Between Serine, Threonine, and Tyrosine Phosphorylation," <i>Mol. Biol. of the Cell</i> , 3:583-592					
	A45	RAWLINGS et al., July 16, 1993, "Mutation of Unique Region of Bruton's Tyrosine Kinase in Immunodeficient XID Mice," <i>Science</i> , 261:358-361					
	A46	SADOWSKI et al., December 1986, "A Noncatalytic Domain Conserved among Cytoplasmic Protein-Tyrosine Kinases Modifies the Kinase Function and Transforming Activity of Fujinami Sarcoma Virus P130 <sup>gag-fps</sup> ," <i>Molecular and Cellular Biology</i> , 6(12):4396-4408					
	A47	SAKANO et al., 1994, "Molecular cloning of a novel non-receptor tyrosine kinase, <i>HYL</i> (hematopoietic consensus tyrosine-lacking kinase)," <i>Oncogene</i> , 9:1155-1161					
	A48	SAMBROOK et al., 1989, <i>Molecular Cloning, A Lab Manual, Second Edition</i> , Cold Spring Harbor Lab Press, 3:16.2-16.30; 17.1-17.28					
	A49	SCHLESSINGER, November 1988, "Signal transduction by allosteric receptor oligomerization," <i>TIBS</i> , 13:443-447					
A50	SHERR et al., July 1985, "The <i>c-fms</i> Prot-oncogene Product is Related to the Receptor for the Mononuclear Phagocyte Growth Factor, CSF-1," <i>Cell</i> , 41:665-676						
A51	SMITH et al., 1990, "Myelofibrosis: A Review of Clinical and Pathologic Features and Treatment," <i>Oncology/Hematology</i> , 10(4):305-314						
A52	SORIANO et al., February 22, 1991, "Targeted Disruption of the <i>c-src</i> Proto-Oncogene Leads to Osteopetrosis in Mice," <i>Cell</i> , 64:693-702						

**RECEIVED**  
 JUL 24 2002  
 TECH CENTER 1600/2900

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 038602-1259		SERIAL NO. 09/977,261	
<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)				APPLICANT Axel ULLRICH et al.			
				FILING DATE 10/16/2001		GROUP ART UNIT 1647	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
35	A53	STAUNTON et al., April 20, 1990, "The Arrangement of the Immunoglobulin-like Domains of ICAM-1 and the Binding Sites for LFA-1," <i>Cell</i> , 61:243-254					
	A54	TAMAGNONE et al, 1994, "BMX, a novel nonreceptor tyrosine kinase gene of the BTK/ITK/TEC/TKX family located in chromosome Xp22.2," <i>Oncogene</i> , 9:3683-3688, Macmillan Press Ltd., 1994					
	A55	TSUKADA et al., 1991, <i>Cell</i> , 2:279-290					
	A56	ULLRICH et al., April 20, 1990, "Signal Transduction by Receptors with Tyrosine Kinase Activity," <i>Cell</i> , 61:203-212					
	A57	VEILLETTE et al., February 1992, "Src-related protein tyrosine kinases and T-cell receptor signalling," <i>TIG</i> , 8(2):61-66					
	A58	VETRIE et al., January 21, 1993, "The gene involved in X-linked agammaglobulinaemia is a member of the src family of protein-tyrosine kinases," <i>Nature</i> , 361:226-233					
	A59	WANG, September 1994, "Nuclear protein tyrosine kinases," <i>TIBS</i> , 19:373-379					
	A60	WEAVER et al., September 1991, "CD8 <sup>+</sup> T-Cell Clones Deficient In the Expression of the CD45 Protein Tyrosine Phosphatase Have Impaired Responses to T-Cell Receptor Stimuli," <i>Mol. and Cell. Biol.</i> , 11(9):4415-4422					
	A61	WHITE et al., 1987, "A Cascade of Tyrosine Autophosphorylation in the $\beta$ -Subunit Activates the Phosphotransferase of the Insulin Receptor," <i>J. Biol. Chem.</i> , 263:2969-2980					
	A62	WILKS, March 1989, "Two putative protein-tyrosine kinases identified by application of the polymerase chain reaction," <i>Proc. Natl. Acad. Sci. USA</i> , 86:1603-1607					
	A63	TSUKADA et al., 1991, <i>Cell</i> , 72:279-290					
	A64	YAMADA et al., 1993, <i>Biochem. Biophys. Res. Comm.</i> , 172:231-240					
	A65	ZSEBO et al., October 5, 1990, "Stem Cell Factor is Encoded at the <i>Sl</i> Locus of the Mouse and Is the Ligand for the <i>c-kit</i> Tyrosine Kinase Receptor," <i>Cell</i> , 63:213-224					

RECEIVED  
JUL 24 2002  
TECH CENTER 1600/2900